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Application Number	09/292,056
Filing Date	April 14, 1999
First Named Inventor	Joel S. Greenberge
Group Art Unit	1655
Examiner Name	J. Souaya
Attorney Docket Number	PITT-1 DIV

(use as many sheets as necessary)

Sheet	1	of	1
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/292,056
		Filing Date	April 14, 1999
		First Named Inventor	Joel S. Greenberger
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Sheet 1 of 6	Attorney Docket Number	PITT-1 DIV	

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JP		I.D. Bernstein, R.G. Andrews, K.M. Zsebo, "Recombinant Human Stem Cell Factor Enhances the Formation of Colonies by CD34 ⁺ and CD34 ⁺ lin ⁻ Cells, and the Generation of Colony-Forming Cell Progeny From CD34 ⁺ lin ⁻ Cells Cultured With Interleukin-3, Granulocyte Colony-Stimulating Factor, or Granulocyte-Macrophage Colony-Stimulating Factor", <u>Blood</u> , Vol. 77, No. 11 (June 1), 1991: pp. 2316-2321.	
		Koichi Ikuta and Irving L. Weissman, "Evidence that hematopoietic stem cells express mouse c-kit but do not depend on steel factor for their generation", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 89, pp. 1502-1506, February 1992 Medical Sciences.	
		C.E. Dunbar, M. Cottler-Fox, J.A. O-Shaughnessy, S. Doren, C. Carter, R. Berenson, S. Brown, R.C. Moen, J. Greenblatt, F.M. Stewart, S.F. Leitman, W.H. Wilson, K. Cowan, N.S. Young, and A.W. Nienhuis, "Retrovirally Marked CD34-Enriched Peripheral Blood and Bone Marrow Cells Contribute to Long-Term Engraftment After Autologous Transplantation", <u>Blood</u> , Vol. 84, No. 11 (June 1), 1995: pp. 3048-3057.	
		L. Murray, B. Chen, A. Galy, S. Chen, R. Tushinski, N. Uchida, R. Negrin, G. Tricot, S. Jagannath, D. Vesole, B. Barlogie, R. Hoffman, and A. Tsukamoto, "Enrichment of Human Hematopoietic Stem Cell Activity in the CD34 ⁺ Thy-1 ⁺ Lin ⁻ Subpopulation From Mobilized Peripheral Blood", <u>Blood</u> , Vol. 84, No. 2 (January 15), 1995: pp. 368-378.	
		J.P. Goff, D.S. Shields, B.E. Petersen, V.F. Zajac, G.K. Michalopoulos, J.S. Greenberger, "Synergistic Effects of Hepatocyte Growth Factor on Human Cord Blood CD34 ⁺ Progenitor Cells are the Result of c-met Receptor Expression" <u>STEM CELLS</u> 1996 14:592-602.	

Examiner Signature	Johanne Souaya	Date Considered	10/3/01
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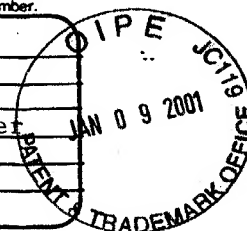
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Sheet 2 of 6

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P		M. Musashi, Yu-Chung Yang, S.R. Paul, S.C. Clark, T. Sudo and M. Ogawa, "Direct and synergistic effects of interleukin 11 on murine hemopoiesis in culture", Proc. Natl. Acad. Sci. USA, Vol. 88, pp. 765-769, February 1991 Cell Biology.	
		K. Ikebuchi, G.G. Wong, S.C. Clark, J.N. Ihle, Y. Hirai, and M. Ogawa, "Interleukin 6 enhancement of interleukin 3-dependent proliferation of multipotential hemopoietic progenitors", Proc. Natl. Acad. Sci. USA, Vol. 84, pp. 9035-9039, December 1987 Cell Biology.	
		S. Miltenyi, S. Guth, A. Radbruch, E. Pfluger, A. Thiel, "Isolation of CD34 ⁺ Hematopoietic Progenitor Cells by High-Gradient Magnetic Cell Sorting (MACS)", AlphaMed Press, pp. 201-213.	
		Malcom A.S. Moore, "Clinical Implications of Positive and Negative Hematopoietic Stem Cell Regulators", The Journal of The American Society of Hematology, July 1, 1991, pp. 1-19.	
		H.J. Sutherland, P.M. Lansdorp, D.H. Henkelman, A.C. Eaves, and C.J. Eaves, "Functional characterization of individual human hematopoietic stem cells cultured at limiting dilution on supportive marrow stromal layers", Proc. Natl. Acad. Sci. USA, Vol. 87, pp. 3584-3588, May 1990 Medical Sciences.	
		K. Pogue-Geile, Mary Ann Sakakeeny, J.L. Panza, S.L. Sell, and J.S. Greenberger, "Cloning and Expression of Unique Murine Macrophage Colony-Stimulating Factor Transcripts", Blood, Vol. 85, No. 12 (June 15), 1995: pp. 3478-3486.	
V		H. Ogata, W.G. Bradley, M. Inaba, N. Ogata, S. Ikehara and R.A. Good, "Long-term repopulation of hematolymphoid cells with only a few hemopoietic stem cells in mice", Proc. Natl. Acad. Sci. USA, Vol. 92, pp. 5945-5949, June 1995 Immunology.	

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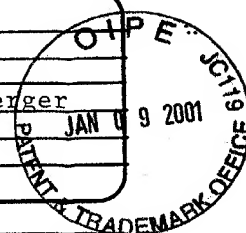
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			Examiner Name	J. Souaya
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JP		G. Van Zant, S.A. Rummel, M.R. Koller, D.B. Larson, I. Drubachevsky, M. Palsson, and S.G. Emerson, "Expansion in Bioreactors of Human Progenitor Populations from Cord Blood and Mobilized Peripheral Blood", <u>Blood Cells</u> (1994) 20:482-491.	
		C.M. Verfaillie, "Can Human Hematopoietic Stem Cells Be Cultured Ex Vivo?", <u>STEM CELLS</u> , 1994; 12:466-476.	
		C.M. Traycoff, S.T. Kosak, S. Grigsby, and E.F. Srouf, "Evaluation of Ex Vivo Expansion Potential of Cord Blood and Bone Marrow Hematopoietic Progenitor Cells Using Cell Tracking and Limiting Dilution Analysis", <u>The American Society of Hematology</u> , 1995, pp. 2059-2068.	
		H. Mayani, P.M. Lansdorp, "Proliferation of individual hematopoietic progenitors purified from umbilical cord blood", <u>Experimental Hematology</u> , 23:1453-1462 (1995).	
		C.L. Li and G.R. Johnson, "Murine Hematopoietic Stem and Progenitor Cells: I. Enrichment and Biologic Characterization", <u>Blood</u> , Vol. 85, No. 6 (March 15), 1995: pp. 1472-1479.	
		C.E. Sandstrom, J.G. Bender, E.T. Papoutsakis, and W.M. Miller, "Effects of CD34 ⁺ Cell Selection and Perfusion on Ex Vivo Expansion of Peripheral Blood Mononuclear Cells", <u>Blood</u> , Vol. 86, No. 3 (August 1), 1995: pp. 958-970.	
✓		C.M. Verfaillie, P.M. Catanzarro, and Wen-na Li, "Macrophage Inflammatory Protein 1α, Interleukin 3 and Diffusible Marrow Stromal Factors Maintain Human Hematopoietic Stem Cells for at least Eight Weeks in Vitro", <u>The Rockefeller University Press</u> , Volume 179, February 1994, pp. 643-649.	

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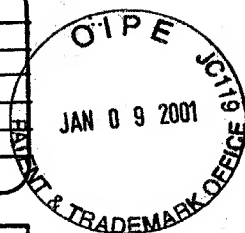
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JP		E.D. Zanjani, G. Almeida-Porada, A.W. Flake, "Retention and Multilineage Expression of Human Hematopoietic Stem Cells in Human-Sheep Chimeras", <u>STEM CELLS</u> , 1995: 13:101-111.	
		Donald Metcalf, "Hematopoietic Regulators: Redundancy or Subtlety?", <u>Blood</u> , Vol. 82, No. 12 (December 15), 1993: pp. 3515-3523.	
		M. Musashi, S.C. Clark, T. Sudo, D.L. Urdal, and M. Ogawa, "Synergistic Interactions Between Interleukin-11 and Interleukin-4 in Support of Proliferation of Primitive Hematopoietic Progenitors of Mice", <u>Blood</u> , Vol. 78, No. 6 (September 15), 1991: pp. 1448-1451.	
		N. Uchida, H.L. Aguila, W.H. Fleming, L. Jerabek, and I.L. Weissman, "Rapid and Sustained Hematopoietic Recovery in Lethally Irradiated Mice Transplanted With Purified Thy-1.1 ^{lo} Lin ⁻ Sca-1 ⁺ Hematopoietic Stem Cells", <u>Blood</u> , Vol. 83, No. 12 (June 15), 1994: pp. 3758-3779.	
		L. Rothstein, J.H. Pierce, V. Klassen, and J.S. Greenberger, "Amphotropic Retrovirus Vector Transfer of the v-ras Oncogene to Human Hematopoietic and Stromal Cells in Continuous Bone Marrow Cultures", <u>Blood</u> , Vol. 65, No. 3 (March), 1985: pp. 744-752.	
		C. Issaad, L. Croisille, A. Katz, W. Vainchenker, and L. Coulombel, "A Murine Stromal Cell Line Allows the Proliferation of Very Primitive Human CD34 ⁺⁺ /CD38 ⁻ Progenitor Cells in Long-Term Cultures and Semisolid Assays", <u>The American Society of Hematology</u> , 1993, pp. 2916-2924.	
✓		R. Pettengell, T. Luft, R. Henschler, J.M. Hows, T.M. Dexter, D. Ryder, and N.G. Testa, "Direct Comparison by Limiting Dilution Analysis of Long-Term Culture-Initiating Cells in Human Bone Marrow, Umbilical Cord Blood, and Blood Stem Cells", <u>Blood</u> , Vol. 84, No. 11 (December 1), 1994: pp. 3653-3659.	

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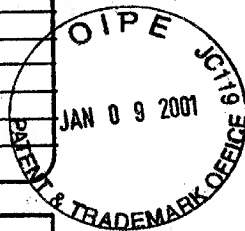
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
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P		Joel S. Greenberger, "Recent Modifications of Technique in Human Long-Term Bone Marrow Cultures", <u>Long-Term Bone Marrow Culture</u> , pages 119-131, 1984.	
		Joel S. Greenberger, "Long-Term Hematopoietic Cultures", pp. 203-242.	
		G. Migliaccio, A.R. Migliaccio, M.L. Druzin, Patricia-Jane V. Giardina, K.M. Zsebo, and J.W. Adamson, "Long-Term Generation of Colony-Forming Cells in Liquid Culture of CD34 ⁺ Cord Blood Cells in the Presence of Recombinant Human Stem Cell Factor", <u>Blood</u> , Vol. 79, No. 10 (May 15), 1992: pp. 2620-2627.	
		Ronald Kline, "New Marrow for Old", <u>Technology Review</u> , 1996, pp. 43-49.	
		Joel S. Greenberger, "The hematopoietic microenvironment", <u>Critical Reviews in Oncology/Hematology</u> , 1991; 11:65-84, 1991.	
		T.W. Thomas and P.A. DiMilla, "Effects of Substratum Compliance on the Motility, Morphology, and Proliferation of Adherent Human Glioblastoma Cells", In <u>Proceedings of the 1995 Bioengineering Conference, BED-Vol. 29</u> , R.M. Hochmuth, N.A. Langrana, and M.S. Hefzy, eds., ASME, New York, pp. 153-154 (1995).	
		Inside Surgery "Organ and Tissue Transplant Update", <u>Medical Data International, Inc.</u> , Volume III: No. 8, Feb. 1996.	
		P.A. DiMilla, "Receptor-Mediated Adhesive Interactions at the Cytoskeleton/Substratum Interface During Cell Migration", In <u>Cell Mechanics and Cellular Engineering</u> , R.M. Hochmuth, V.C. Mow, F. Guilak, and R. Tran-Son-Tay, eds., Springer-Verlag, New York, pp. 490-514, 1994.	
V		P.A. DiMilla, J.A. Stone, S.M. Albelda, D.A. Lauffenburger, and J.A. Quinn, "Measurement of Cell Adhesion and Migration on Protein-Coated Surfaces", <u>Mat. Res. Soc. Symp. Proc.</u> , Vol. 252, 1992, pp. 205-212.	

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JP		P.A. DiMilla, J.A. Quinn, S.M. Albelda, D.A. Lauffenburger, "Measurement of Individual Cell Migration Parameters for Human Tissue Cells", AICHE JOURNAL, July 1992, Vol. 38, No. 7, pp. 1092-1104.	
		P.A. DiMilla, J.A. Stone, J.A. Quinn, S.M. Albelda, and D.A. Lauffenburger, "Maximal Migration of Human Smooth Muscle Cells on Fibronectin and Type IV Collagen Occurs at an Intermediate Attachment Strength", The Rockefeller University Press, The Journal of Cell Biology, Volume 122, Number 3, August 1993, pp. 729-737.	
		J.P. Goff, D.S. Shields, G.K. Michalopoulos, and J.S. Greenberger, "Effects of Hepatocyte Growth Factor and IL-11 on Human Cord Blood CD34 ⁺ Progenitor Cells", ABSTRACTS, August 31, page 913.	
		J.P. Goff, D.S. Shields, G.K. Michalopoulos, and J.S. Greenberger, "Synergistic Effects of Hepatocyte Growth Factor on In Vitro Generation of CFU-GM from Human Cord Blood CD34 ⁺ Progenitor Cells" Hematopoietic Growth Factors-III, page 280a.	

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